L	Hits	Search Text	DB	Time stamp
Number	700151		HCD2m-	2002/00/05
3	180474	to ajd3 multiplex\$3	USPAT; EPO; JPO; IBM TDB	2003/09/05 17:06
4	56596	((photo near diode) or photodiode)	USPĀT; EPO; JPO;	2003/09/05 17:06
5	43600	predetermined near threshold	IBM_TDB USPAT; EPO; JPO;	2003/09/05 17:07
6	395	(to ajd3 multiplex\$3) and (((photo near diode) or photodiode)) and (predetermined	IBM_TDB USPAT; EPO; JPO;	2003/09/05 17:07
7	105	near threshold) ((to ajd3 multiplex\$3) and (((photo near diode) or photodiode)) and (predetermined near threshold)) and (plurality near	IBM_TDB USPAT; EPO; JPO; IBM_TDB	2003/09/05 17:44
8	17253	(data or input or signal)) 370/351-430.ccls.	USPAT; EPO; JPO;	2003/09/05 17:44
9	2696	398/45-103,115-117.ccls.	IBM_TDB USPAT; EPO; JPO;	2003/09/05 17:44
10	5737	359/557-589.ccls.	IBM_TDB USPAT; EPO; JPO; IBM TDB	2003/09/05 17:45
11	465	(predetermined near threshold) and 370/351-430.ccls.	USPAT; EPO; JPO; IBM TDB	2003/09/05 17:45
12	395	(predetermined near threshold) and ((to ajd3 multiplex\$3) and (((photo near diode) or photodiode)) and (predetermined	USPAT; EPO; JPO; IBM_TDB	2003/09/05 17:45
13	8	near threshold)) ((to ajd3 multiplex\$3) and (((photo near diode) or photodiode)) and (predetermined	USPAT; EPO; JPO;	2003/09/05 17:47
15	1	diode) or photodiode)) and (predetermined	IBM_TDB USPAT; EPO; JPO;	2003/09/05 17:47
14	27	diode) or photodiode)) and (predetermined near threshold)) and	IBM_TDB USPAT; EPO; JPO; IBM_TDB	2003/09/05 17:57
16	465	398/45-103,115-117.ccls. 370/351-430.ccls. and (predetermined near threshold)	USPAT; EPO; JPO; IBM TDB	2003/09/05 17:57
17	9	near threshold)) and (((photo near	USPAT; EPO; JPO; IBM TDB	2003/09/05 17:57
_	34	diode) or photodiode)) (MANSBRIDGE and john).in.	USPĀT; US-PGPUB; EPO; JPO;	2003/08/27 10:42
-	8	(("5682387") or ("4825451") or ("4455649") or ("3014906")).PN.	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2003/03/14 12:39
_	2	("4455649").PN.	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2003/03/16 14:52
-	92	4455649.URPN.	DERWENT; IBM_TDB USPAT	2003/03/16
_	o	mutliplex and 4455649.URPN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	14:49 2003/03/16 14:52

Search History

9/5/03 6:43:12 PM

-	′				
Procedure	-	0	mutliplex\$ and 4455649.URPN.		
DERMENT: INM TIDE 11:53 2003/03/16 12:53 12:					14:52
Part	1				
- 97 mutliplex\$ and threshold					
	_	97	mutliplex\$ and threshold		2003/03/16
- 300 muthiplex\$ and predetermined DERWENT; IBM_TDB USPAR; US-FOFUB; EPO; JEO; DERWENT; IBM_TDB 14:54 EPO; JEO; JEO; JEO; JEO; JEO; JEO; JEO; JE		1			1 ' ' '
300 mutliplex\$ and predetermined USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; JPO; JPO; JPO; JPO; JPO; JPO; J				EPO; JPO;	
300 mutliplex\$ and predetermined USFAT; US-FOFUB; EPG; JPO; DERWENT; IBM_TDB 14:53 14:53 14:53 14:53 14:53 14:53 14:53 15:32 16:34 16:54 1				DERWENT;	
Secondary Seco				IBM_TDB	
- 9	-	300	mutliplex\$ and predetermined	USPAT;	
- 9 (muthiplex\$ and threshold) and (level with detect) 14:54 2003/03/16 14:54 2003/03/16 14:54 2003/03/16 14:54 2003/03/16 14:54 2003/03/16 14:54 2003/03/16 15:21 2003/03/16 15:21 2003/03/16 15:21 2003/03/16 15:21 2003/03/16 15:21 2003/03/16 15:21 2003/03/16 15:21 2003/03/16 15:21 2003/03/16 15:21 2003/03/16 15:21 2003/03/16 15:21 2003/03/16 15:21 2003/03/16 15:21 2003/03/16 15:21 2003/03/16 15:21 2003/03/16 15:21 2003/03/16 15:21 2003/03/16 15:31 2003/03/16 2003/03/17 2003/03/16 2003/03/17					14:53
- 9	i				
- 9				B C C C C C C C C C C C C C C C C C C C	
With detect US-PGFUB; EPG; JPG; DERWERT; IMM TDB USPAT; US-PGFUB; EPG; JPG; DERWERT; IMM TDB USPAT; USPAT; USPAT; US-PGFUB; EPG; JPG; DERWERT; IMM TDB USPAT; USPAT			/www.hidalawa.awalahawa.halahaana./lassa.l		2003/03/16
Transfer	-	9	(mutliplex\$ and threshold) and (level	· ·	
- 17 (mutliplex\$ and predetermined) and (level with detect) 18M TDB 1897;			With detect)		14:24
17				E .	
- 17 (mutliplex\$ and predetermined) and (level USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT; USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB U					
Second S	_	17	(mutliplevs and predetermined) and (level		2003/03/16
BEPG, JPG, DEXWENT; IBM TDB USPAT; US-PGPUB; EPG, JPG, DEXWENT; IBM TDB USPAT; US-PGPUB; EPG, JPG, DEXWENT; US-PGPUB; EPG, JPG, JPG, JPG, JPG, JPG, JPG, JPG, J			with detect)	· ·	1
DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IS-PGPUB; EPO; JPO; DERWENT; IDM TDB USPAT; US-PGPUB; EPO					
-					
3269 data near filtering USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; I					
15:22 15:22 15:22 15:22 15:22 15:22 15:22 15:25 15:2	-	3269	data near filtering		2003/03/16
Control near signal				US-PGPUB;	15:22
Control near signal					
- 339					
Control near signal US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT					/ /
BEO; JPO; DERWENT; IBM TDB USPAT; 2003/03/16 USPAT; 15:23 EPO; JPO; DERWENT; IBM TDB USPAT; U	-	339			
BERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT;			(control near signal)		15:31
S					
-					
Control near signal) and (photo near diode)	_	۰	(/data near filtering) and threshold and		2003/03/16
diode	-	•			1
DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT;					
- 146 ((data near filtering) and threshold and (control near signal)) and comparator - 0 (((data near filtering) and threshold and (control near signal)) and comparator)	İ		41040/	l .	
Control near signal) and comparator				IBM TDB	
- 0 (((data near filtering) and threshold and (control near signal)) and comparator) and (multi near plex\$) - 146 (((data near filtering) and threshold and (control near signal)) and comparator) and process\$ - 48 (((data near filtering) and threshold and (control near signal)) and comparator) and (plurality near data) - 2379 (data near filter\$4).ab. - 238 ((data near filter\$4).ab.) and multiplex\$3 - 238 ((data near filter\$4).ab.) and multiplex\$3 - 238 ((data near filter\$4).ab.) and multiplex\$3 - 2603/03/16 (15:32 (-	146		USPĀT;	
- 0 (((data near filtering) and threshold and (control near signal)) and comparator) and (multi near plex\$) - 146 (((data near filtering) and threshold and (control near signal)) and comparator) and process\$ - 48 (((data near filtering) and threshold and (control near signal)) and comparator) and (plurality near data) - 2379 (data near filter\$4).ab. - 238 (((data near filter\$4).ab.) and multiplex\$3 - 238 ((data near filter\$4).ab.) and multiplex\$3 - 238 ((data near filter\$4).ab.) and multiplex\$3 - 238 ((data near filter\$4).ab.) and multiplex\$3 - 2603/03/17 (US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; EPO; JPO; DERWENT;			(control near signal)) and comparator	· ·	15:32
- 0 (((data near filtering) and threshold and (control near signal)) and comparator) and (multi near plex\$) - 146 (((data near filtering) and threshold and (control near signal)) and comparator) and process\$ - 48 (((data near filtering) and threshold and (control near signal)) and comparator) and (plurality near data) - 2379 (data near filter\$4).ab. - 238 ((data near filter\$4).ab.) and multiplex\$3 - 2003/03/16 USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;					
- 0 (((data near filtering) and threshold and (control near signal)) and comparator) and (multi near plex\$) - 146 (((data near filtering) and threshold and (control near signal)) and comparator) and process\$ - 48 (((data near filtering) and threshold and (control near signal)) and comparator) and (control near signal)) and comparator) and (plurality near data) - 2379 (data near filter\$4).ab. - 238 ((data near filter\$4).ab.) and multiplex\$3 (((data near filter\$4).ab.) and multiplex\$7 USPĀT; US-PGPUB; EFO; JPO; DERWENT; IBM_TDB USPĀT US-PGPUB; IBM_TDB USPĀT US-PGPUB; IBM_TDB USPĀT US-PGPUB; IBM_TDB USPĀT US-PGPUB; IBM_TDB USPĀ					
Control near signal) and comparator) and (multi near plex\$) US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IDM TDB USPAT; US-P					0000 (00 (1)
and (multi near plex\$) - 146 (((data near filtering) and threshold and (control near signal)) and comparator) and process\$ - 48 (((data near filtering) and threshold and (control near signal)) and comparator) and (plurality near data) - 2379 (data near filter\$4).ab. - 238 ((data near filter\$4).ab.) and multiplex\$3 - 238 ((data near filter\$4).ab.) and multiplex\$3 - 238 ((data near filter\$4).ab.) and multiplex\$3 - 238 (multiplex\$3 - 2003/03/17 US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IDM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	-	l °	(((data near filtering) and threshold and		
- 146 (((data near filtering) and threshold and (control near signal)) and comparator) and process\$ - 48 (((data near filtering) and threshold and (control near signal)) and comparator) and (plurality near data) - 2379 (data near filter\$4).ab. - 238 ((data near filter\$4).ab.) and multiplex\$3 - ((data near filter\$4).ab.) and multiplex\$3 DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT;				B .	15:32
- 146 (((data near filtering) and threshold and (control near signal)) and comparator) and process\$ - 48 (((data near filtering) and threshold and (control near signal)) and comparator) and (plurality near data) - 2379 (data near filter\$4).ab. - 238 ((data near filter\$4).ab.) and multiplex\$3 - ((data near filter\$4).ab.) and multiplex\$3			and (multi near plex\$)		
- 146 (((data near filtering) and threshold and (control near signal)) and comparator) and process\$ - 48 (((data near filtering) and threshold and (control near signal)) and comparator) and (plurality near data) - 2379 (data near filter\$4).ab. - 238 ((data near filter\$4).ab.) and multiplex\$3 - ((data near filter\$4).ab.) and multiplex\$3					
(control near signal)) and comparator) and process\$ ((data near filtering) and threshold and (control near signal)) and comparator) and (plurality near data) (data near filter\$4).ab. ((data near filter\$4).ab.)) and multiplex\$3 ((data near filter\$4).ab.)) and multiplex\$3 ((control near signal)) and comparator) DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; IDM_TDB USPAT; IDM_TDB USPAT; IDM_TDB USPAT; IDM_TDB USPAT; IDM_TDB USPAT;	l _	146	(((data near filtering) and threshold and		2003/03/16
and process\$ - 48 (((data near filtering) and threshold and (control near signal)) and comparator) and (plurality near data) - 2379 (data near filter\$4).ab. - 238 ((data near filter\$4).ab.) and multiplex\$3 - 238 ((data near filter\$4).ab.) and multiplex\$3 - 238 (filter\$4).ab.) and multiplex\$3		1 170			
- 48 (((data near filtering) and threshold and (control near signal)) and comparator) and (plurality near data) - 2379 (data near filter\$4).ab. - 238 ((data near filter\$4).ab.) and multiplex\$3 - 238 ((data near filter\$4).ab.) and multiplex\$3 DERWENT; IBM_TDB					
- 48 (((data near filtering) and threshold and (control near signal)) and comparator) and (plurality near data) - 2379 (data near filter\$4).ab. - 238 ((data near filter\$4).ab.) and multiplex\$3 - 238 ((data near filter\$4).ab.) and multiplex\$3			F		
- 48 (((data near filtering) and threshold and (control near signal)) and comparator) and (plurality near data) - 2379 (data near filter\$4).ab. - 238 ((data near filter\$4).ab.) and multiplex\$3					
(control near signal)) and comparator) and (plurality near data) US-PGPUB; EPO; JPO; DERWENT; IBM_TDB US-PGPUB; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB US-PGPUB; EPO; JPO; DERWENT; IBM_TDB US-PGPUB; EPO; JPO; DERWENT; IBM_TDB US-PGPUB; EPO; JPO; DERWENT; ISPAT; US-PGPUB; EPO; JPO; DERWENT;	-	48		USPĀT;	2003/03/17
DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; DERWENT; DERWENT;			(control near signal)) and comparator)		10:31
- 2379 (data near filter\$4).ab. IBM_TDB		:	and (plurality near data)		
- 2379 (data near filter\$4).ab. USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; multiplex\$3 ((data near filter\$4).ab.) and USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT;					
US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; multiplex\$3 ((data near filter\$4).ab.) and USPAT; US-PGPUB; EPO; JPO; DERWENT;			(1, 5,, 62, 5,, 64,)		2002/02/17
EPO; JPO; DERWENT; IBM_TDB ((data near filter\$4).ab.) and USPAT; US-PGPUB; EPO; JPO; DERWENT; DERWENT; DERWENT;	-	2379	(data near filter\$4).ab.		
DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; DERWENT; DERWENT;					10:33
- 238 ((data near filter\$4).ab.) and USPAT; US-PGPUB; EPO; JPO; DERWENT;					
- 238 ((data near filter\$4).ab.) and USPAT; 2003/03/17 us-PGPUB; and EPO; JPO; DERWENT;		1			
multiplex\$3 US-PGPUB; 10:33 EPO; JPO; DERWENT;	_	228	((data near filter\$4).ab.) and		2003/03/17
EPO; JPO; DERWENT;		230			
DERWENT;					
				IBM TDB	

-	61	(((data near filter\$4).ab.) and	USPAT;	2003/03/17
		multiplex\$3) and threshold	US-PGPUB;	13:13
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
1_	2	("4409652").PN.	USPAT;	2003/03/17
		(1105002 / 12	US-PGPUB;	13:26
			EPO; JPO;	13.23
			DERWENT;	
			IBM_TDB	
-	7	(plurality near data) with comparator	USPAT;	2003/03/17
		with threshold	US-PGPUB;	13:39
			EPO; JPO;	
			DERWENT;	
	i		IBM TDB	
_	3	(multiple near data) with comparator with	USPAT;	2003/03/17
		threshold	US-PGPUB;	13:45
		Lillesnord	EPO; JPO;	13.10
				•
			DERWENT;	
			IBM_TDB	0000 (00 (17
-	81	(antenna near array) with threshold	USPAT;	2003/03/17
			US-PGPUB;	13:46
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
1_	4	(antenna near array) with threshold with	USPAT;	2003/03/17
-	4		US-PGPUB;	13:46
		comparator		13.40
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	2	("5682387").PN.	USPAT;	2003/03/17
			US-PGPUB;	14:22
]		EPO; JPO;	'
1	1		DERWENT;	
	1		IBM TDB	
	6	5682387.URPN.	USPAT	2003/03/17
-	٥	5662367.URPN.	USFAI	14:12

-	4	("4494232" "4528659" "5121385"	USPAT	2003/03/17
		"5313467").PN.		14:16
-	11829	(level near detection) and compar\$4	USPAT;	2003/03/17
			US-PGPUB;	14:23
	1		EPO; JPO;	
			DERWENT;	
			IBM TDB	
	4175	(lovel near detection) came commared	USPAT;	2003/03/17
_	4175	(level near detection) same compar\$4	US-PGPUB;	14:24
1				13.43
1			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
1 -	4163	((level near detection) and compar\$4) and	USPAT;	2003/03/17
		threshold	US-PGPUB;	14:24
			EPO; JPO;	
1			DERWENT;	
1			IBM TDB	
	1000	//lovel many detection) same semandal	USPAT;	2003/03/17
-	1264	((level near detection) same compar\$4)		
		and threshold	US-PGPUB;	14:24
			EPO; JPO;	
1			DERWENT;	l
			IBM_TDB	
_	664	((level near detection) same compar\$4)	USPAT;	2003/03/17
		same threshold	US-PGPUB;	14:24
			EPO; JPO;	
1			DERWENT;	
		1	IBM_TDB	2002/02/17
-	0		USPAT;	2003/03/17
1	1	same threshold) and (multi near plex\$3)	US-PGPUB;	14:25
1			EPO; JPO;	
1			DERWENT;	
			IBM TDB	
	1	I	<u> </u>	

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_	6	((((level near detection) same compar\$4)	USPAT;	2003/03/17
		same threshold) and multiplex\$3) and	US-PGPUB;	14:36
		(data near (plurality or multiple))	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	8	((((level near detection) same compar\$4)	USPAT;	2003/03/17
		same threshold) and multiplex\$3) and	US-PGPUB;	14:45
		(input near (plurality or multiple))	EPO; JPO;	
			DERWENT;	
		((()) () () ()	IBM_TDB	2002/02/17
-	84	(((level near detection) same compar\$4)	USPAT;	2003/03/17
	•	same threshold) and multiplex\$3	US-PGPUB;	14:53
			EPO; JPO;	
			DERWENT;	
	10	(///level many detection) game compane()	<pre>IBM_TDB USPAT;</pre>	2003/03/17
-	10	<pre>((((level near detection) same compar\$4) same threshold) and multiplex\$3) and</pre>	US-PGPUB;	15:37
		375/130-377.ccls.	EPO; JPO;	13.37
		3/3/130-3//.ccis.	DERWENT;	
			IBM TDB	
_	9	5844614.URPN.	USPAT	2003/03/17
-		OCTION:	COLLIN	15:22
_	7237	photodiode near array	USPAT;	2003/03/17
	'23'	p	US-PGPUB;	15:38
[EPO; JPO;	
			DERWENT;	
İ			IBM TDB	
-	1001	(photodiode near array) and multiplex\$3	USPAT;	2003/03/17
			US-PGPUB;	15:38
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	311	((photodiode near array) and multiplex\$3)	USPAT;	2003/03/17
		and threshold	US-PGPUB;	15:38
	ļ		EPO; JPO;	
			DERWENT;	
			IBM_TDB	0000/00/17
ļ -	124	(((photodiode near array) and	USPAT;	2003/03/17
		multiplex\$3) and threshold) and	US-PGPUB;	15:39
		comparator	EPO; JPO;	
			DERWENT; IBM TDB	
	30	((((photodiode near array) and	USPAT;	2003/03/17
-	30	multiplex\$3) and threshold) and	US-PGPUB;	15:39
		comparator) and (data with filter\$4)	EPO; JPO;	
		Comparator, and (adda firm referre	DERWENT;	
			IBM TDB	
1 -	5	5138475.URPN.	USPAT	2003/03/17
1				16:49
-	3	5790286.URPN.	USPAT	2003/03/17
				16:52
-	14		USPAT	2003/03/17
		"5138475" "5241610" "5299293"		16:54
		"5327275" "5367397" "5432874"		
		"5469285" "5521734" "5526157"		
		"5526161" "5535031").PN.		
_	0	((((photodiode near array) and	USPAT;	2003/03/17
		multiplex\$3) and threshold) and	US-PGPUB;	18:44
		comparator) and (\$process\$ with (external	EPO; JPO;	j
		near signal))	DERWENT;	
	_	//#5130475#\\ -~ /#4400650#\\ DY	IBM_TDB	2003/09/35
-	2	(("5138475") or ("4409652")).PN.	USPAT;	2003/08/25 15:16
			US-PGPUB; EPO; JPO;	12:10
			IBM TDB	
I _	53507	data with filter	USPAT;	2003/08/25
-	33307	data with lifter	US-PGPUB;	15:16
	ļ		EPO; JPO;	
			IBM TDB	1
L		L		

-	344	(data with filter) same (predetermined	USPAT; US-PGPUB;	2003/08/25 15:17
		near threshold)	EPO; JPO;	15:17
			IBM TDB	
-	90	((data with filter) same (predetermined	USPĀT;	2003/08/25
}		near threshold)) and multiplex\$4	US-PGPUB;	15:17
			EPO; JPO;	
	39	(((data with filter) same (predetermined	<pre>IBM_TDB USPAT;</pre>	2003/08/25
-]	near threshold)) and multiplex\$4) and	US-PGPUB;	15:19
		optic\$4	EPO; JPO;	
			IBM_TDB	
-	13	((((data with filter) same (predetermined	USPAT;	2003/08/25
		near threshold)) and multiplex\$4) and	US-PGPUB; EPO; JPO;	21:05
		optic\$4) and filter\$4.ab.	IBM TDB	
_	688	375/366,368.ccls.	USPAT;	2003/08/25
		0.0,000,000	US-PGPUB;	21:05
			EPO; JPO;	
		270 /500 5143	IBM_TDB	2002/00/25
-	2535	370/509-514.ccls.	USPAT; US-PGPUB;	2003/08/25
]		EPO; JPO;	21.00
			IBM_TDB	
-	3003	375/366,368.ccls. or 370/509-514.ccls.	USPAT;	2003/08/25
			US-PGPUB;	21:05
			EPO; JPO; IBM TDB	
_	42	(375/366,368.ccls. or 370/509-514.ccls.)	USPAT;	2003/08/25
		and (training near sequence)	US-PGPUB;	21:06
			EPO; JPO;	
	20	//275/266 260 male an 270/500 514 gala \	IBM_TDB USPAT;	2003/08/25
-	22	((375/366,368.ccls. or 370/509-514.ccls.) and (training near sequence)) and	US-PGPUB;	21:06
ļ		correlat\$4 and synchroniz\$6	EPO; JPO;	
			IBM_TDB	
-	11	(((375/366,368.ccls. or	USPAT;	2003/08/25
		370/509-514.ccls.) and (training near sequence)) and correlat\$4 and	US-PGPUB; EPO; JPO;	21:06
		synchroniz\$6) and location	IBM TDB	
-	3061	375/349,317,260,287,340,286.ccls.	USPĀT;	2003/08/26
			US-PGPUB;	16:32
			EPO; JPO; DERWENT;	
			IBM TDB	
_	456	375/287,286.ccls.	USPAT;	2003/08/26
		,	US-PGPUB;	14:55
			EPO; JPO;	
			DERWENT; IBM TDB	
-	456	375/287,286.ccls.	USPAT;	2003/08/26
		,	US-PGPUB;	14:56
			EPO; JPO;	
			DERWENT; IBM TDB	
_	136	375/287,286.ccls. and (plural or	USPAT;	2003/08/26
		plurality) and (multiplex\$3 or select\$4)	US-PGPUB;	14:59
1		and (predetermined or threshold)	EPO; JPO;	
			DERWENT; IBM TDB	
_	2	(375/287,286.ccls. and (plural or	USPAT;	2003/08/26
		plurality) and (multiplex\$3 or select\$4)	US-PGPUB;	14:57
		and (predetermined or threshold)) and	EPO; JPO;	
		((photo near diode) or photodiode)	DERWENT;	
_	45	375/287,286.ccls. and ((plural or	IBM_TDB USPAT;	2003/08/26
-	45	plurality) same (multiplex\$3 or	US-PGPUB;	15:25
		select\$4)) and (predetermined or	EPO; JPO;	
		threshold)	DERWENT;	
L			IBM TDB	<u> </u>

-	3061	375/349,317,260,287,340,286.ccls.	USPAT; US-PGPUB; EPO; JPO;	2003/08/26 16:32
	456	275/297 296 gala	DERWENT; IBM_TDB USPAT;	2003/08/26
-	456	375/287,286.ccls.	US-PGPUB; EPO; JPO;	17:11
-	120	375/287,286.ccls. and (plural or plurality) and (multiplex\$3 or select\$4) and (predetermined or threshold)	IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM TDB	2003/08/26 17:13
-	2	375/287,286.ccls. and (plural or plurality) and (multiplex\$3 or select\$4) and (predetermined or threshold) and ((photo near diode) or photodiode)	USPAT; US-PGPUB; EPO; JPO; IBM TDB	2003/08/26 17:13
-	3061	375/349,317,260,287,340,286.ccls.	USPAT; US-PGPUB; EPO; JPO; IBM TDB	2003/08/26 17:14
-	69	375/349,317,260,287,340,286.ccls. and (process\$3 with (select\$4 or multiplex\$3) with filter)	USPAT; US-PGPUB; EPO; JPO; IBM TDB	2003/08/26 17:22
-	3	375/349,317,260,287,340,286.ccls. and (process\$3 with (select\$4 or multiplex\$3) with (predetermined near threshold))	USPAT; US-PGPUB; EPO; JPO; IBM TDB	2003/08/26 17:32
-	16	375/349,317,260,287,340,286.ccls. and (process\$3 with (select\$4 or multiplex\$3) same (predetermined same threshold))	USPAT; US-PGPUB; EPO; JPO; IBM TDB	2003/08/26 17:44
-	13	4479266.URPN.	USPAT	2003/08/26 17:38
_	7	("3324455" "3509279" "3898747" "4010476" "4027152" "4157509" "4229831" "4229831").PN.	USPAT	2003/08/26 17:42
-	247	375/349,317,260,287,340,286.ccls. and (process\$3 and (select\$4 or multiplex\$3) and (predetermined same threshold) and (plural or plurality))	USPAT; US-PGPUB; EPO; JPO; IBM TDB	2003/08/26 17:45
-	28	375/349,317,260,287,340,286.ccls. and ((process\$3 same (select\$4 or multiplex\$3) same (predetermined same	USPAT; US-PGPUB; EPO; JPO; IBM TDB	2003/08/26 17:45
-	4	threshold)) and (plural or plurality)) 3898571.URPN.	USPAT	2003/08/26 17:58
-	5156	<pre>((photo near detect\$4) or photodiode or (photo near diode)) with (plural or plurality)</pre>	USPAT; US-PGPUB; EPO; JPO; IBM TDB	2003/08/26 21:10
_	2493	<pre>(((photo near detect\$4) or photodiode or (photo near diode)) with (plural or plurality)) and (predetermined)</pre>	USPAT; US-PGPUB; EPO; JPO; IBM TDB	2003/08/26 21:09
-	167	<pre>(((photo near detect\$4) or photodiode or (photo near diode)) with (plural or plurality)) and (predetermined near threshold)</pre>	USPAT; US-PGPUB; EPO; JPO; IBM TDB	2003/08/26 21:10
_	136	<pre>((((photo near detect\$4) or photodiode or (photo near diode)) with (plural or plurality)) and (predetermined near threshold)) and (multiplex\$4 or select\$4)</pre>	USPAT; US-PGPUB; EPO; JPO; IBM TDB	2003/08/26 21:11
-	3259	((photo near detect\$4) or photodiode or (photo near diode)) near4 (plural or plurality)	USPAT; US-PGPUB; EPO; JPO; IBM TDB	2003/08/26 21:10
-	101	<pre>(((photo near detect\$4) or photodiode or (photo near diode)) near4 (plural or plurality)) and (predetermined near threshold)</pre>	USPAT; US-PGPUB; EPO; JPO; IBM TDB	2003/08/26 21:11
1	1	cureauora)	TON IND	

Search History 9/5/03 6:43:12 PM Page 6

- 71 ((((photo near detect\$4) or photodiode or USPAT; 2003/0 (photo near diode)) near4 (plural or US-PGPUB; 13:44 plurality)) and (predetermined near EPO; JPO; threshold)) and (multiplex\$4 or select\$4) IBM_TDB	8/27
plurality)) and (predetermined near EPO; JPO;	
threshold)) and (multiplex\$4 or select\$4) IBM TDB	
	0/27
- 189 (alan and green).in. USPAT; 2003/0 US-PGPUB; 10:45	0/2/
EPO; JPO;	
DERWENT;	
IBM_TDB	
- 39 ((alan and green).in.) and optic\$3 USPAT; 2003/0 US-PGPUB; 10:45	8/2/
EPO; JPO;	
DERWENT;	
IBM_TDB	
- 96 (alan near2 green).in. USPĀT; 2003/0	8/27
US-PGPUB; 10:45 EPO; JPO;	
DERWENT;	
IBM_TDB	
- 13 ((alan near2 green).in.) and optic\$3 USPAT; 2003/0	8/27
US-PGPUB; 10:46 EPO; JPO;	
DERWENT;	
IBM_TDB	_ (=
- 95 ((((photo near detect\$4) or photodiode or USPAT; 2003/0	8/27
(photo near diode)) near4 (plural or US-PGPUB; 13:45 plurality)) and (predetermined near EPO; JPO;	
threshold)) and (multiplex\$4 or select\$4) IBM_TDB	
- 44 (((((photo near detect\$4) or photodiode USPAT; 2003/0	8/27
or (photo near diode)) near4 (plural or US-PGPUB; 13:45	
plurality)) and (predetermined near EPO; JPO; threshold)) and (multiplex\$4 or select\$4) IBM_TDB	
) and control with (select\$4 or	
multiplex\$4)	
- 44 (((((photo near detect\$4) or photodiode USPAT; 2003/0	8/27
or (photo near diode)) near4 (plural or US-PGPUB; 13:48 plurality)) and (predetermined near EPO; JPO;	
threshold)) and (multiplex\$4 or select\$4) IBM_TDB	
) and (control with (select\$4 or	
multiplex\$4)) - ((((photo near detect\$4) or photodiode USPAT; 2003/0	0/27
- 0 (((((photo near detect\$4) or photodiode USPAT; 2003/0 or (photo near diode)) near4 (plural or US-PGPUB; 13:48	0/2/
plurality)) and (predetermined near EPO; JPO;	
threshold)) and (multiplex\$4 or select\$4) IBM_TDB	
) and ((external near4 control) with	
(select\$4 or multiplex\$4)) - (((((photo near detect\$4) or photodiode USPAT; 2003/0	8/27
or (photo near diode)) near4 (plural or US-PGPUB; 13:48	
plurality)) and (predetermined near EPO; JPO;	
threshold)) and (multiplex\$4 or select\$4) IBM_TDB) and ((external near4 control) same	
(select\$4 or multiplex\$4))	
- 21 (US-4409652-\$ or US-6356555-\$ or USPAT; 2003/0	8/27
US-6335990-\$ or US-5502507-\$ or US-PGPUB; 13:51	
US-5844614-\$ or US-5900863-\$ or US-5138475-\$ or US-5790286-\$ or	
US-5521734-\$ or US-5502749-\$ or	
US-5933459-\$ or US-4757519-\$ or	
US-5764690-\$ or US-4479266-\$ or	
US-3898571-\$ or US-6091679-\$ or US-5187357-\$).did. or	
(US-20020141011-\$).did. or (GB-2376142-\$	
or WO-2075980-\$ or GB-2346300-\$).did.	

((US-4409652-\$ or US-6356555-\$ or US-6335990-\$ or US-5502507-\$ or US-5844614-\$ or US-5900863-\$ or	USPAT; US-PGPUB; EPO	2003/08/27 13:53
US-5138475-\$ or US-5790286-\$ or US-5521734-\$ or US-5502749-\$ or		
US-5764690-\$ or US-4479266-\$ or US-3898571-\$ or US-6091679-\$ or		
US-5187357-\$).did. or (US-20020141011-\$).did. or (GB-2376142-\$ or WO-2075980-\$ or GB-2346300-\$).did.)		
and (control near signal) ("4757519").PN.	USPAT;	2003/08/27
	EPO; JPO;	13:55
("4479266").PN.	USPAT; US-PGPUB; EPO; JPO;	2003/08/27 13:56
(predetermined near threshold) same multiplex\$3	USPĀT; EPO; JPO;	2003/09/04 14:38
((predetermined near threshold) same multiplex\$3) and plurality	USPĀT; EPO; JPO;	2003/09/04 14:39
(((predetermined near threshold) same multiplex\$3) and plurality) and (external	USPĀT; EPO; JPO;	2003/09/04 14:39
(((predetermined near threshold) same multiplex\$3) and plurality) and	USPĀT; EPO; JPO;	2003/09/04 15:45
(((predetermined near threshold) same (multiplex\$3 or select)) and (plurality near4 (data or signal or input)) and	USPAT; EPO; JPO; IBM_TDB	2003/09/04 15:55
plurality near5 (data or signal or input)	USPAT; EPO; JPO; IBM TDB	2003/09/04 15:55
((predetermined near threshold) same (multiplex\$3 or select)) and (plurality near5 (data or signal or input))	USPĀT; EPO; JPO;	2003/09/04 16:01
(((predetermined near threshold) same (multiplex\$3 or select)) and (plurality near5 (data or signal or input))) and	USPĀT; EPO; JPO; IBM_TDB	2003/09/04 16:49
(((predetermined near threshold) same (multiplex\$3 or select)) and (plurality near5 (data or signal or input))) and	USPAT; EPO; JPO; IBM_TDB	2003/09/04 16:02
((((predetermined near threshold) same (multiplex\$3 or select)) and (plurality near5 (data or signal or input))) and	USPAT; EPO; JPO; IBM_TDB	2003/09/04 15:59
((((predetermined near threshold) same (multiplex\$3 or select)) and (plurality near5 (data or signal or input))) and 375/130-377.ccls.) and (external near5 control)	USPAT; EPO; JPO; IBM_TDB	2003/09/04 16:00
((predetermined near threshold) with (multiplex\$3 or select)) and (plurality	USPAT; EPO; JPO; IBM TDB	2003/09/04 16:02
(((predetermined near threshold) with (multiplex\$3 or select)) and (plurality near5 (data or signal or input))) and	USPAT; EPO; JPO; IBM_TDB	2003/09/04 16:03
multiplex\$	USPAT; EPO; JPO; IBM TDB	2003/09/04 16:03
multiplex\$ with (predetermined near threshold)	USPAT; EPO; JPO; IBM TDB	2003/09/04 16:09
	JS-6335990-\$ or US-5502507-\$ or JS-5844614-\$ or US-5900863-\$ or JS-5521734-\$ or US-5790286-\$ or JS-5521734-\$ or US-5790286-\$ or JS-5521734-\$ or US-5790286-\$ or JS-5764690-\$ or US-4479266-\$ or JS-5764690-\$ or US-4479266-\$ or JS-3898571-\$ or US-6091679-\$ or JS-3898571-\$ or US-6091679-\$ or JS-3898571-\$ or GB-2346300-\$).did.) and (control near signal) ("4757519").PN. ("4479266").PN. ("4479266").PN. ("predetermined near threshold) same multiplex\$3 and plurality (((predetermined near threshold) same multiplex\$3) and plurality) and (external near control near signal) (((predetermined near threshold) same multiplex\$3) and plurality) and (photodiode or (photo near diode)) (((predetermined near threshold) same multiplex\$3 or select) and (plurality near4 (data or signal or input)) and (photodiode or (photo near diode))) plurality near5 (data or signal or input) (((predetermined near threshold) same (multiplex\$3 or select)) and (plurality near4 (data or signal or input)) (((predetermined near threshold) same (multiplex\$3 or select)) and (plurality near5 (data or signal or input)) (((predetermined near threshold) same (multiplex\$3 or select)) and (plurality near5 (data or signal or input)) (((predetermined near threshold) same (multiplex\$3 or select)) and (plurality near5 (data or signal or input))) (((predetermined near threshold) same (multiplex\$3 or select)) and (plurality near5 (data or signal or input))) and 375/130-377.ccls. ((((predetermined near threshold) same (multiplex\$3 or select)) and (plurality near5 (data or signal or input))) and 375/130-377.ccls.) and filter\$5 ((((predetermined near threshold) same (multiplex\$3 or select)) and (plurality near5 (data or signal or input)) and 375/130-377.ccls.) and (plurality near5 (data or signal or input)) and 375/130-377.ccls.) and (plurality near5 (data or signal or input)) and 375/130-377.ccls.) and (plurality near5 (data or signal or input)) (((predetermined near threshold) with (multiplex\$3 or select)) and (plurality near5 (data or signal or input)) (((predetermine	US-PGPUB; US-6346414-\$ or US-5900863-\$ or US-5138475-\$ or US-570286-\$ or US-5138475-\$ or US-570286-\$ or US-5138475-\$ or US-570286-\$ or US-5134359-\$ or US-4787519-\$ or US-5136490-\$ or US-4479266-\$ or US-3020141011-\$).did. or (GB-2376142-\$ or WO-2075980-\$ or GB-2346300-\$).did.) and (control near signal) ("4757519").PN. USPAT; US-PGPUB; EPO; JPO; IBM TDB USPAT; US-PGPUB; EPO; JPO; IBM TDB USPAT; US-PGPUB; EPO; JPO; IBM TDB USPAT; US-PGPUB; EPO; JPO; IBM TDB USPAT; US-PGPUB; EPO; JPO; IBM TDB USPAT; US-PGPUB; EPO; JPO; IBM TDB USPAT; US-PGPUB; EPO; JPO; IBM TDB USPAT; US-PGPUB; EPO; JPO; IBM TDB USPAT; US-PGPUB; EPO; JPO; IBM TDB USPAT; US-PGPUB; EPO; JPO; IBM TDB USPAT; US-PGPUB; EPO; JPO; IBM TDB USPAT; US-PGPUB; EPO; JPO; IBM TDB USPAT; US-PGPUB; EPO; JPO; IBM TDB USPAT; EPO; JPO; IBM

-	488	multiplex\$ same (predetermined near	USPAT;	2003/09/04
		threshold)	EPO; JPO;	16:10
			IBM_TDB	
-	388	(multiplex\$ same (predetermined near	USPAT;	2003/09/04
		threshold)) and plurality	EPO; JPO;	16:10
	70	//	IBM_TDB USPAT;	2003/09/04
-	70	((multiplex\$ same (predetermined near threshold)) and plurality) and ((data or	EPO; JPO;	16:16
		signl) with identif\$5)	IBM TDB	10.10
_	85875	multiplexer	USPAT;	2003/09/04
	03073	Marcibiever	EPO; JPO;	16:16
			IBM TDB	10.10
_	7931	multiplexor	USPAT;	2003/09/04
	,,,,,,	mar capacitor	EPO; JPO;	16:16
			IBM TDB	
_	91266	multiplexer or multiplexor	USPĀT;	2003/09/04
			EPO; JPO;	16:16
			IBM_TDB	
-	284	(multiplexer or multiplexor) same	USPAT;	2003/09/04
		(predetermined near threshold)	EPO; JPO;	16:17
		l	IBM_TDB	
-	83	((multiplexer or multiplexor) same	USPAT;	2003/09/04
		(predetermined near threshold)) and	EPO; JPO;	16:17
	_	identify	IBM_TDB	2002/00/04
-	3	((multiplexer or multiplexor) same	USPAT;	2003/09/04
		(predetermined near threshold)) and	EPO; JPO;	16:21
	56596	(level near detect)	IBM_TDB USPAT;	2003/09/04
_	36396	(photo near diode) or photodiode	EPO; JPO;	16:21
			IBM TDB	10.21
_	6565	((photo near diode) or photodiode) and	USPAT;	2003/09/04
_	0303	multiplex\$3	EPO; JPO;	16:21
		materpress	IBM TDB	
_	389	(((photo near diode) or photodiode) and	USPAT;	2003/09/04
		multiplex\$3) and (predetermined near	EPO; JPO;	16:22
		threshold)	IBM TDB	1
_	0	("6624916").PN.	USPAT;	2003/09/05
			EPO; JPO;	14:24
			IBM_TDB	l
_	1	("6394602").PN.	USPAT;	2003/09/04
			EPO; JPO;	16:36
	_		IBM_TDB	2002/00/04
-	2	quantumbeam.as.	USPAT;	2003/09/04
			EPO; JPO;	16:47
1	160125	optical with signal\$4	IBM_TDB USPAT;	2003/09/04
-	1 100132	Opercal with Signarys	EPO; JPO;	16:48
			IBM TDB	20.10
_	9046	(optical with signal\$4) and multiplex\$4	USPAT;	2003/09/04
		(opologi midi bighary) and marolpiony	EPO; JPO;	16:48
	1		IBM TDB	
-	70	((optical with signal\$4) and multiplex\$4)	USPAT;	2003/09/04
		and (predetermined near threshold)	EPO; JPO;	16:48
			IBM_TDB	
-	18	(((optical with signal\$4) and	USPAT;	2003/09/04
		multiplex\$4) and (predetermined near	EPO; JPO;	17:01
		threshold)) and (photodiode or (photo	IBM_TDB	
	1	near diode))	l	
-	56596	(photodiode or (photo near diode))	USPAT;	2003/09/04
			EPO; JPO;	17:01
		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	IBM_TDB	2002/00/04
-	17		USPAT;	2003/09/04
		((select or multiplex\$3) with	EPO; JPO;	17:02
	05075	(predetermined near threshold))	IBM_TDB USPAT;	2003/09/04
1 -	85875	multiplexer	EPO; JPO;	20:3709704
			IBM TDB	20.33
	20810	(plurality near3 (data or signal or	USPAT;	2003/09/04
	20010	input)) with receive	EPO; JPO;	20:44
		lipacij wich rocero	IBM_TDB	
1	1		1 <u> </u>	

		_		
_	43600	predetermined near threshold	USPAT; EPO; JPO;	2003/09/04 21:38
-	35	((plurality near3 (data or signal or input)) with receive) with (predetermined	IBM_TDB USPAT; EPO; JPO;	2003/09/04 20:45
-	1	near threshold) multiplexer and (((plurality near3 (data or signal or input)) with receive) with	IBM_TDB USPAT; EPO; JPO;	2003/09/04 20:46
-	314	<pre>(predetermined near threshold)) multiplexer and ((plurality near3 (data or signal or input)) with receive) and</pre>	IBM_TDB USPAT; EPO; JPO;	2003/09/04 21:38
-	91	<pre>(predetermined near threshold) (multiplexer and ((plurality near3 (data or signal or input)) with receive) and (predetermined near threshold)) and</pre>	IBM_TDB USPAT; EPO; JPO; IBM_TDB	2003/09/04 20:48
_	29	optical ((multiplexer and ((plurality near3 (data or signal or input)) with receive) and (predetermined near threshold)) and optical) and ((photo near diode) or photodiode)	USPAT; EPO; JPO; IBM_TDB	2003/09/04 22:31
_	0	("6624916").PN.	USPAT; EPO; JPO; IBM TDB	2003/09/04 20:51
-	3	("5195076" "5412636" "6282157").PN.	USPAT	2003/09/04
-	0	6480445.URPN.	USPAT	2003/09/04
_	36	<pre>(multiplexer same ((plurality near3 (data or signal or input)) with receive)) and (predetermined near threshold)</pre>	USPAT; EPO; JPO; IBM TDB	2003/09/04 21:38
_	10583	(plurality with (data or signal or input)) same threshold	USPAT; EPO; JPO; IBM TDB	2003/09/04 22:19
	391	((plurality with (data or signal or input)) same threshold) and ((photo near	USPAT; EPO; JPO; IBM TDB	2003/09/04 22:20
-	214	<pre>diode) or photodiode) (((plurality with (data or signal or input)) same threshold) and ((photo near diode) or photodiode)) and (multiplex\$4 or select)</pre>	USPAT; EPO; JPO; IBM_TDB	2003/09/04 22:21
-	300	<pre>(((plurality with (data or signal or input)) same threshold) and ((photo near diode) or photodiode)) and (multiplex\$4 or select or switch)</pre>	USPAT; EPO; JPO; IBM_TDB	2003/09/04 22:31
-	96		USPAT; EPO; JPO; IBM_TDB	2003/09/04 22:31
-	3321	plurality with ((photo near diode) or photodiode)	USPAT; EPO; JPO; IBM TDB	2003/09/04 22:31
-	106	<pre>(plurality with ((photo near diode) or photodiode)) and (predetermined near threshold)</pre>	USPAT; EPO; JPO; IBM TDB	2003/09/04 22:31
-	77	<pre>((plurality with ((photo near diode) or photodiode)) and (predetermined near threshold)) and (multiplex\$4 or select or switch)</pre>	USPAT; EPO; JPO; IBM_TDB	2003/09/04 22:31
-	2	("3937951" "3953137").PN.	USPAT	2003/09/04 22:44
-	1	6034365.URPN.	USPAT	2003/09/04
_	0	PCT/GB98/00421	USPAT; EPO; JPO; IBM TDB	2003/09/04 23:13
-	1	"9800421"	USPAT; EPO; JPO; IBM TDB	2003/09/04 23:13
l			TDEL TOB	L

-	0	98-00421	USPAT;	2003/09/04
			EPO; JPO;	23:13
			IBM_TDB	
-	35	"00421"	USPAT;	2003/09/04
			EPO; JPO;	23:19
			IBM_TDB	0000 (00 (04
-	0	9706062.8	USPAT;	2003/09/04
			EPO; JPO;	23:24
	0	9702726.2	IBM_TDB USPAT;	2003/09/04
-		9702728.2	EPO; JPO;	23:19
			IBM TDB	23.13
_	0	("6624916").PN.	USPAT;	2003/09/05
		(1121111	EPO; JPO;	14:46
			IBM TDB	
-	75649	multiplexing or multiplex or multiplexer	USPAT;	2003/09/05
			EPO; JPO;	14:46
			IBM_TDB	
-	4355	data near filter	USPAT;	2003/09/05
			EPO; JPO;	14:46
1			IBM_TDB	2002/00/05
-	43600	predetermined near threshold	USPAT;	2003/09/05
			EPO; JPO; IBM TDB	17:07
1_	99	 (multiplexing or multiplex or	USPAT;	2003/09/05
-		multiplexing of multiplex of multiplexer) and (data near filter) and	EPO; JPO;	14:47
		(predetermined near threshold)	IBM TDB	/
_	892411	filter\$4	USPAT;	2003/09/05
			EPO; JPO;	14:47
			IBM TDB	
-	2412	(multiplexing or multiplex or	USPAT;	2003/09/05
		multiplexer) and (predetermined near	EPO; JPO;	14:48
		threshold) and filter\$4	IBM_TDB	
-	41047	(compare or comparator) with threshold	USPAT;	2003/09/05
			EPO; JPO;	14:48
			IBM_TDB	2002/00/05
-	927	((multiplexing or multiplex or	USPAT; EPO; JPO;	2003/09/05 14:48
		multiplexer) and (predetermined near threshold) and filter\$4) and ((compare or	IBM TDB	14:40
		comparator) with threshold)	157-155	
_	1625191	level	USPAT;	2003/09/05
	1020171		EPO; JPO;	14:48
			IBM TDB	
-	823	(((multiplexing or multiplex or	USPAT;	2003/09/05
		multiplexer) and (predetermined near	EPO; JPO;	14:49
1		threshold) and filter\$4) and ((compare or	IBM_TDB	
		comparator) with threshold)) and level		0003/00/05
-	374457	plurality with (data or signal or input)	USPAT;	2003/09/05
1			EPO; JPO;	14:49
1_	539	((((multiplexing or multiplex or	IBM_TDB USPAT;	2003/09/05
1-	339	multiplexer) and (predetermined near	EPO; JPO;	14:50
		threshold) and filter\$4) and ((compare or	IBM TDB	1
		comparator) with threshold)) and level)		
1	1	and (plurality with (data or signal or		
	1	input))		
-	37896	external with control with signal	USPAT;	2003/09/05
		_	EPO; JPO;	14:51
:	1		IBM_TDB	
-	32	(((((multiplexing or multiplex or	USPAT;	2003/09/05
		multiplexer) and (predetermined near	EPO; JPO;	15:00
		threshold) and filter\$4) and ((compare or	IBM_TDB	
		comparator) with threshold)) and level)		
		and (plurality with (data or signal or input))) and (external with control with		
		signal)		
-	883147	optical	USPAT;	2003/09/05
			EPO; JPO;	15:00
	1		IBM_TDB	

				T 0 0 0 0 1 0 5
-	165		USPAT;	2003/09/05
		multiplexer) and (predetermined near	EPO; JPO;	15:09
		threshold) and filter\$4) and ((compare or	IBM_TDB	
		comparator) with threshold)) and level)		
		and (plurality with (data or signal or		
		input))) and optical		
-	10850	optical and ((photo near diode) or	USPAT;	2003/09/05
		photodiode)	EPO; JPO;	15:11
			IBM TDB	
1 -	1374	(optical and ((photo near diode) or	USPAT;	2003/09/05
	20.1	photodiode)) and (multiplex\$4 or select)	EPO; JPO;	15:10
		photoalous,, and (marolplon, i or releas,	IBM TDB	
_	48	(predetermined near threshold) and	USPAT;	2003/09/05
]	((optical and ((photo near diode) or	EPO; JPO;	15:10
		photodiode) and (multiplex\$4 or select)	IBM TDB	
	4811	acousto near optic	USPAT;	2003/09/05
-	4011	acousto near optic	EPO; JPO;	15:11
				13.11
	56506	/ (.)	IBM_TDB USPAT;	2003/09/05
-	56596	((photo near diode) or photodiode)		
			EPO; JPO;	17:06
			IBM_TDB	0000/00/05
-	709433	filter	USPAT;	2003/09/05
			EPO; JPO;	15:11
			IBM_TDB	/
-	892411	filter\$4	USPAT;	2003/09/05
			EPO; JPO;	15:11
			IBM_TDB	
-	892721	filter\$5	USPAT;	2003/09/05
	1		EPO; JPO;	15:11
			IBM_TDB	
-	625	(acousto near optic) and (((photo near	USPAT;	2003/09/05
		diode) or photodiode)) and filter\$5	EPO; JPO;	15:11
		•	IBM TDB	
_	21	((acousto near optic) and (((photo near	USPAT;	2003/09/05
		diode) or photodiode)) and filter\$5) and	EPO; JPO;	15:12
		(predetermined near threshold)	IBM TDB	
l _	10	1 14 -	USPAT	2003/09/05
		"4643578" "4731853" "4733969"		15:20
		"4891772" "5048965" "5118192"		
		"5654800").PN.		
	10	5812269.URPN.	USPAT	2003/09/05
_	1	3012209.URPN.	John	15:22
1	I	I	L	10.22